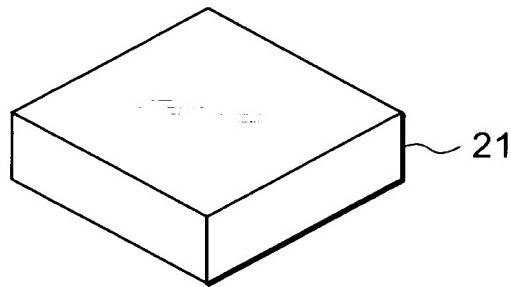
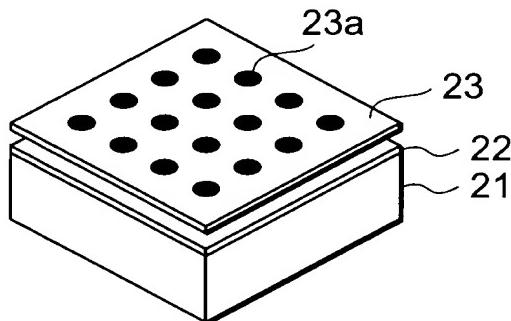
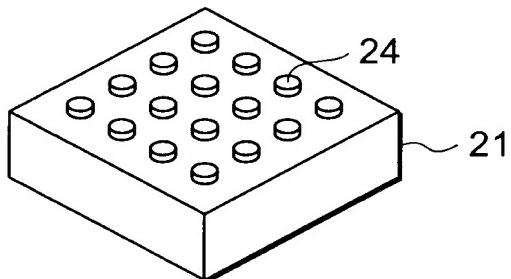
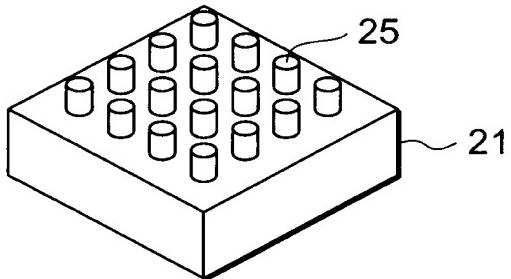
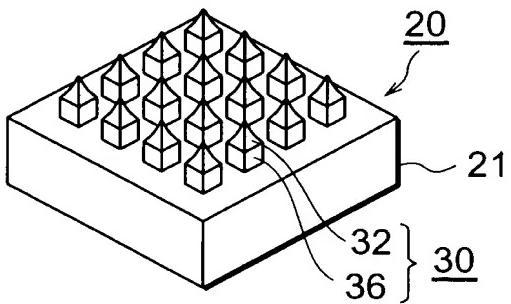
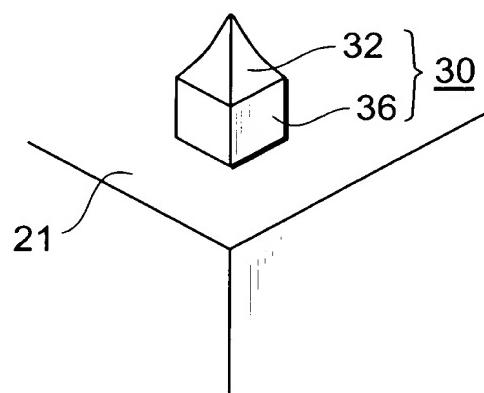
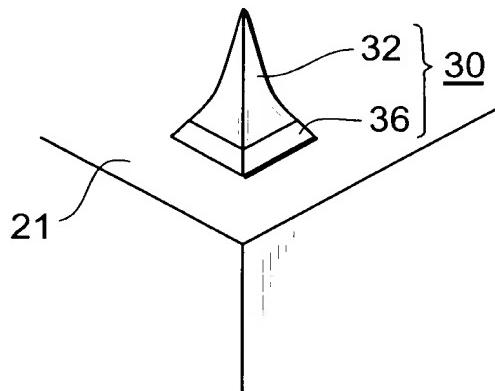
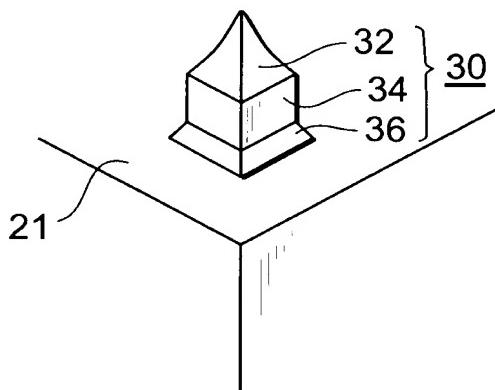
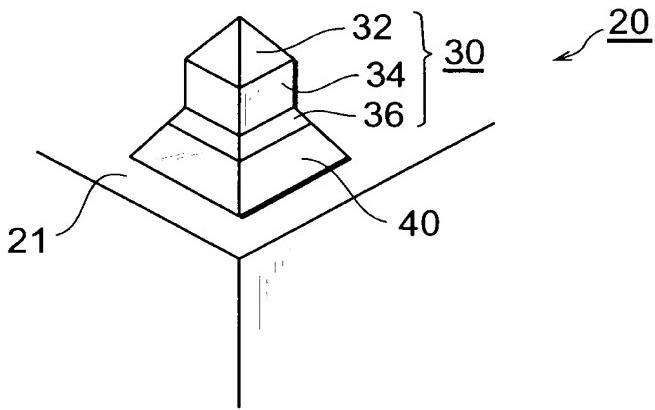
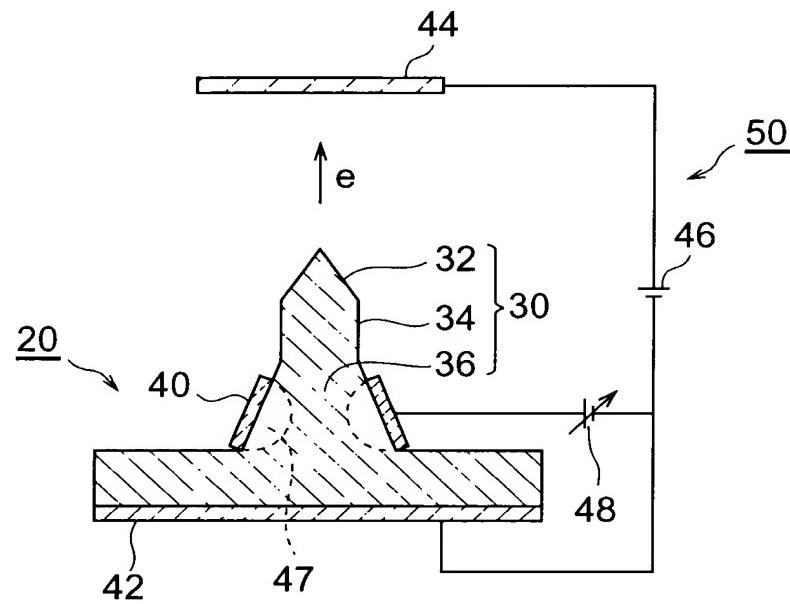
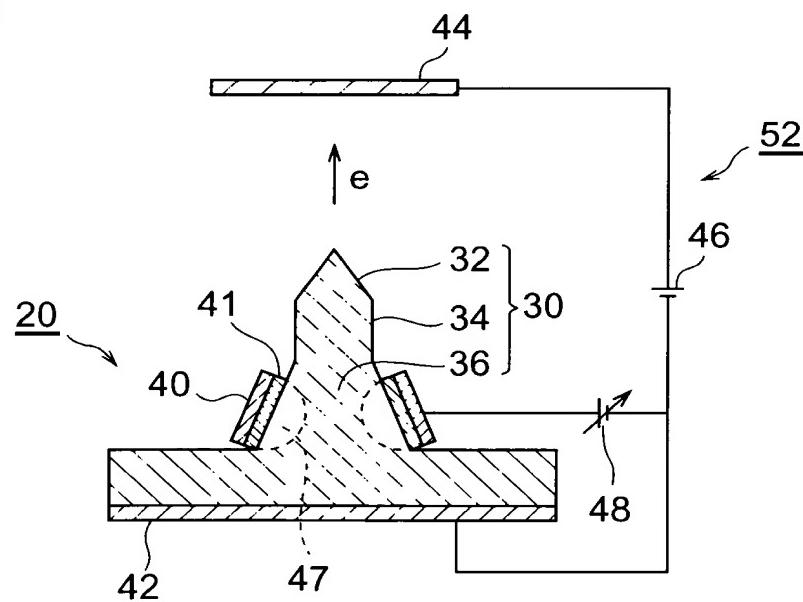


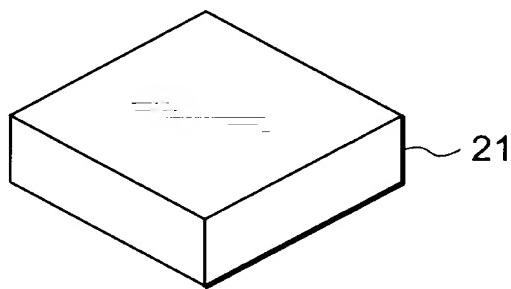
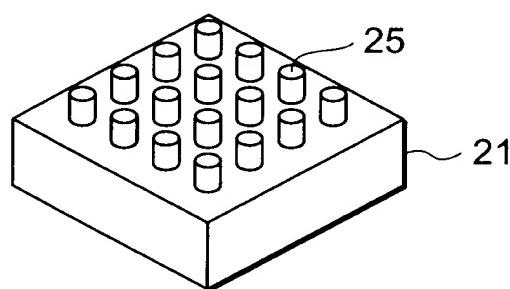
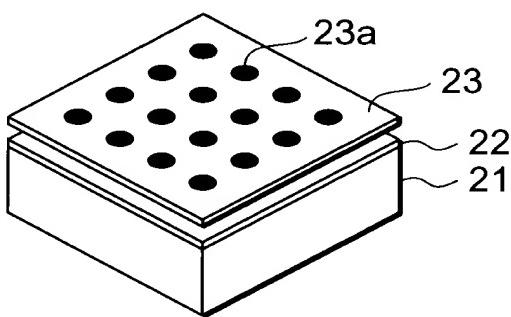
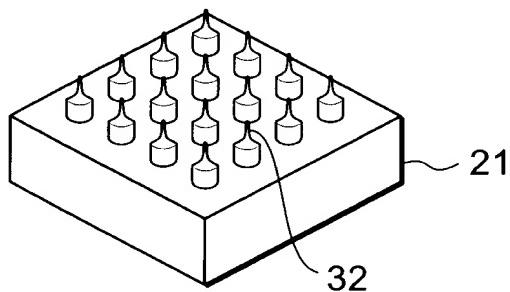
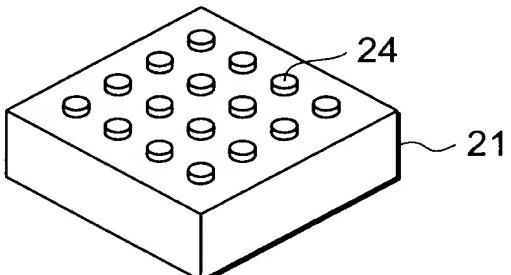
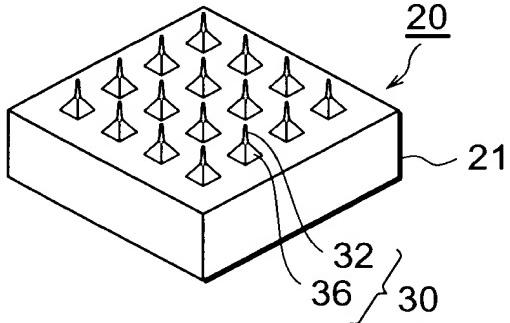
**Fig.1A****Fig. 1B****Fig. 1C****Fig. 1D****Fig. 1E**

*Fig.2*

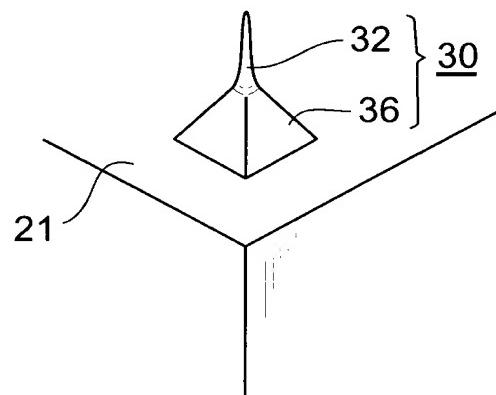


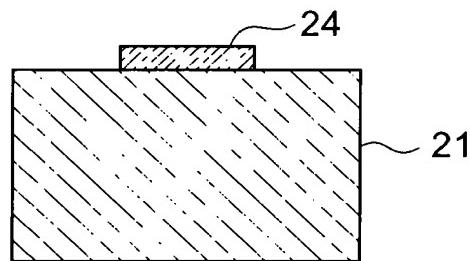
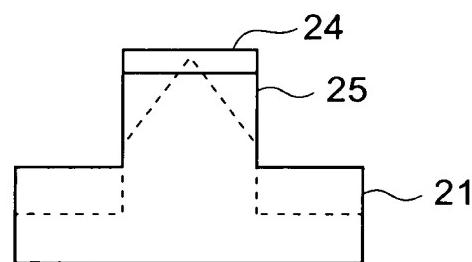
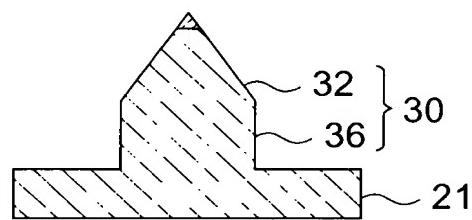
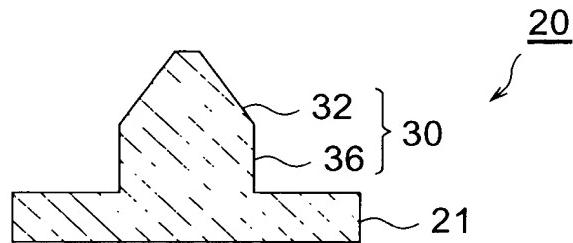
**Fig.3A****Fig.3B****Fig.4**

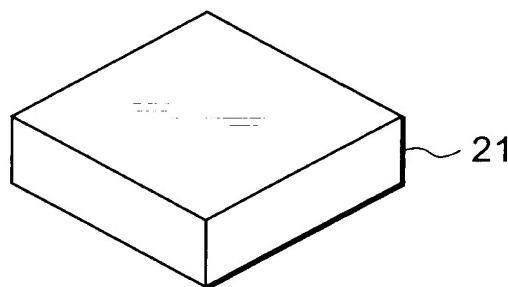
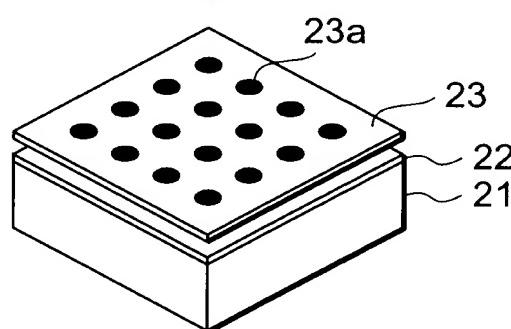
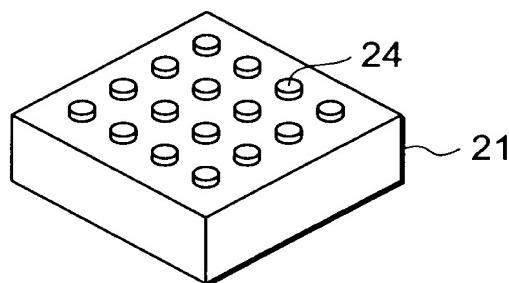
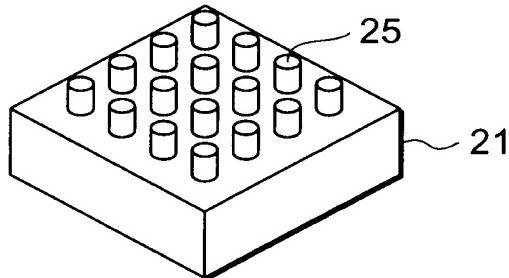
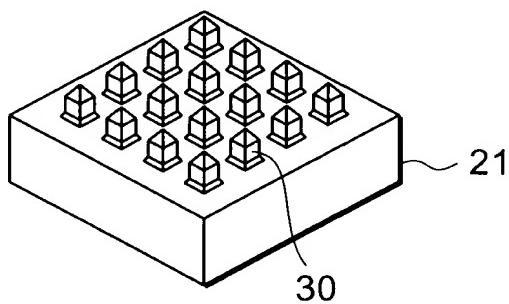
**Fig.5****Fig.6**

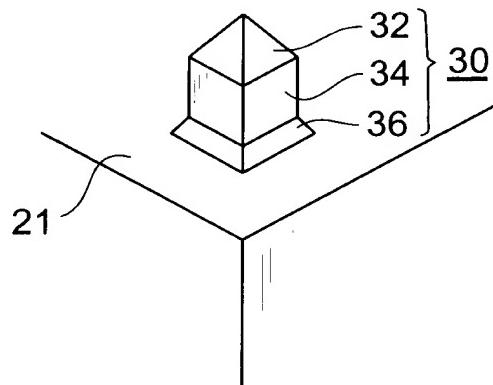
**Fig.7A****Fig.7D****Fig.7B****Fig.7E****Fig.7C****Fig.7F**

***Fig.8***



**Fig.9A****Fig.9B****Fig.9C****Fig.9D**

**Fig. 10A****Fig. 10B****Fig. 10C****Fig. 10D****Fig. 10E**

***Fig.11******Fig.12***

SAMPLE NO.	DIMENSIONS OF COLUMNAR MEMBER		DIMENSIONS OF ELECTRON-EMITTING PORTION		
	HEIGHT ( $\mu\text{m}$ )	DIAMETER ( $\mu\text{m}$ )	DIAMETER OF VERTEX PORTION ( $\mu\text{m}$ )	DIAMETER OF BASE ( $\mu\text{m}$ )	ASPECT RATIO
(1)	3	3	0.5	2.6	1
(2)	5	5	3.5	4.5	1
(3)	8	8	6	7.5	1
(4)	4.2	3	0.5	2.6	1.4
(5)	7	5	0.5	4.5	1.4
(6)	7	3	0.5	2.6	2.3
(7)	11.5	5	0.5	4.5	2.3

FP01-0076-00

*Fig. 13A*



*Fig. 13B*

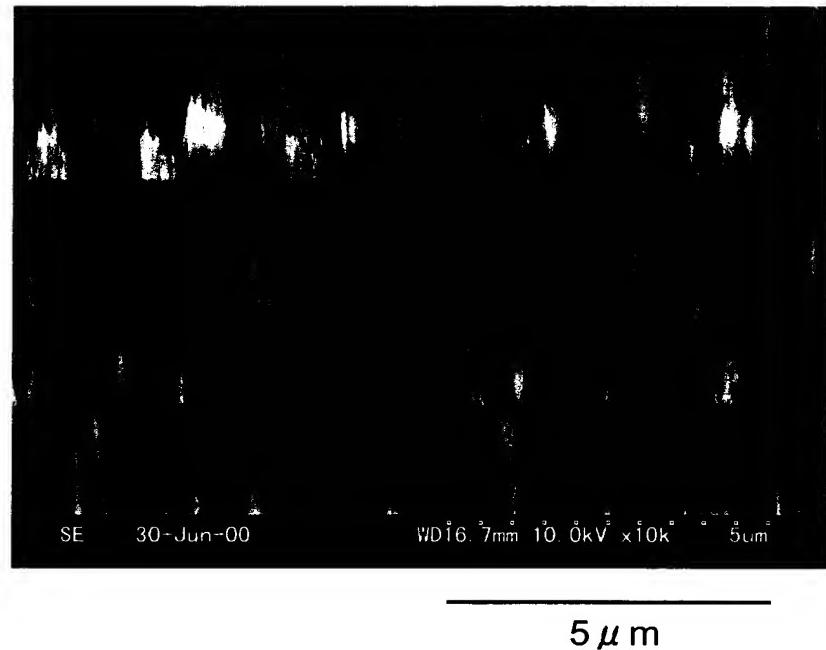


*Fig. 13C*

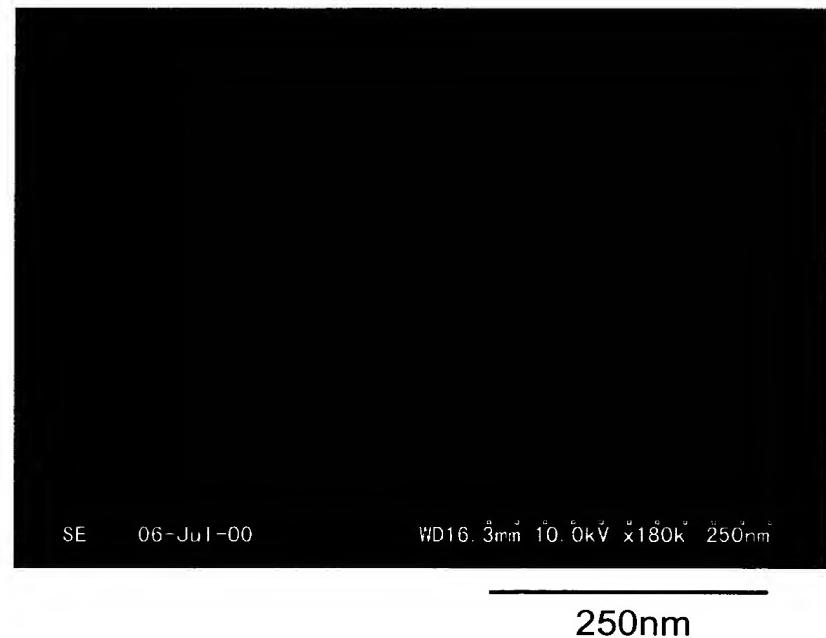


FP01-0076-00

**Fig.14A**

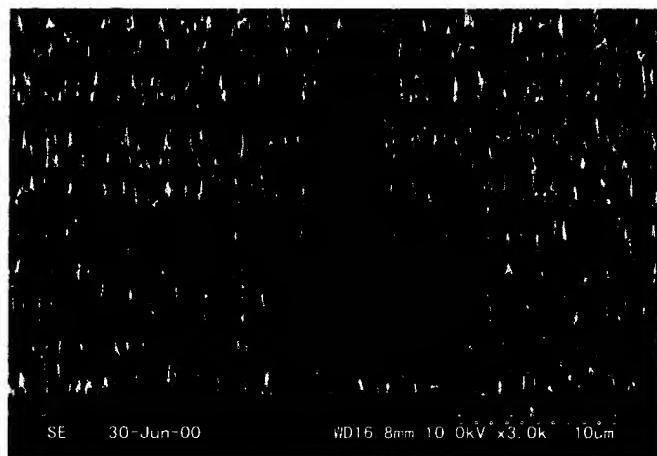


**Fig.14B**

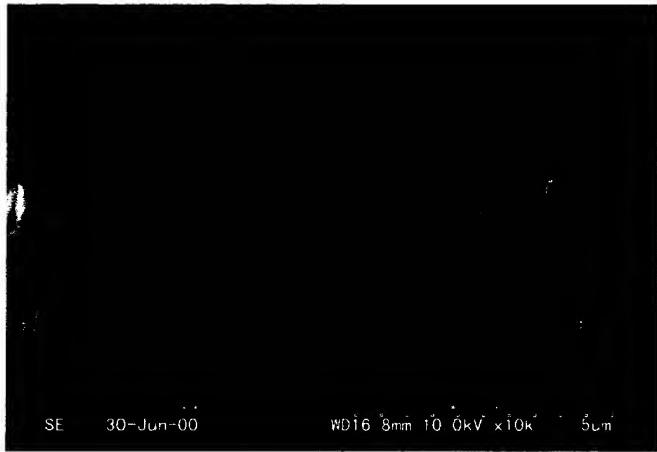


FP01-0076-00

**Fig.15A**



**Fig.15B**



**Fig.15C**

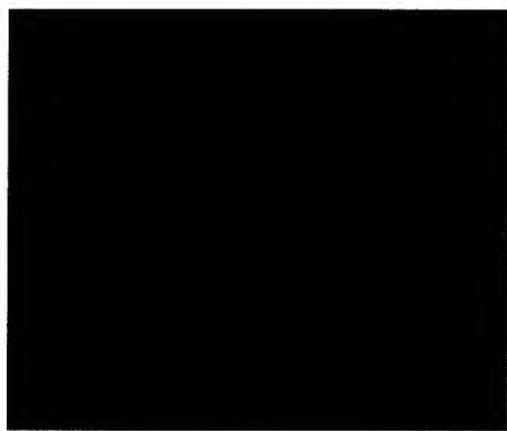


FP01-0076-00

***Fig.16A***



***Fig.16B***



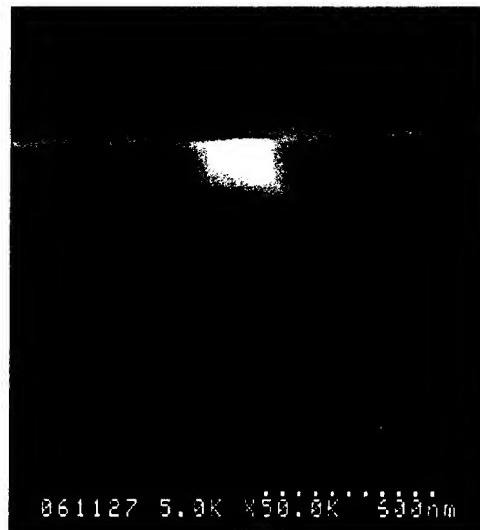
FP01-0076-00

**Fig.17A**

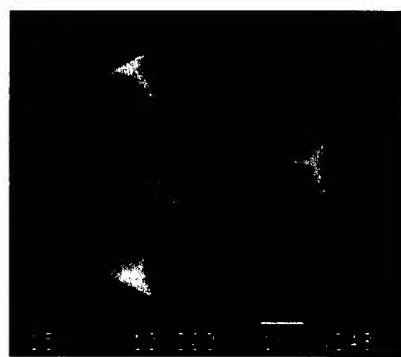
$3\mu m$



**Fig.17B**

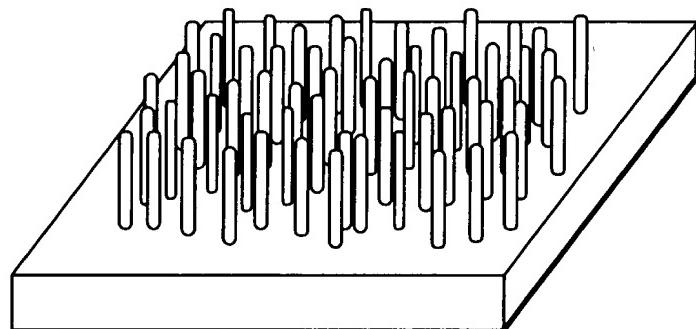


**Fig.17C**



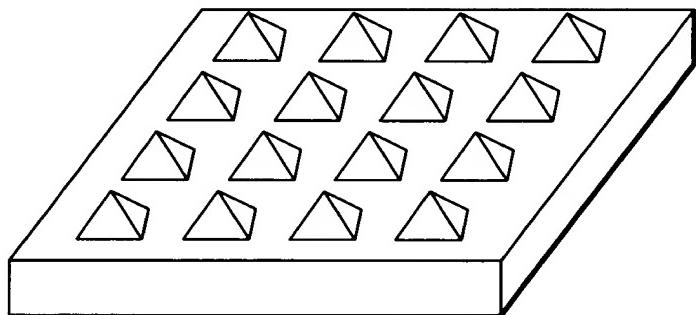
FP01-0076-00

***Fig.18***



PRIOR ART

***Fig.19***



PRIOR ART